

**Major Requirements**

Lower Division Requirements	Pre-Req	Units	Note
BIO146 General Biology I w/Lab	-	4	Fall only
BIO148 General Biology II w/Lab	-	4	Spring only
CHE115 General Chemistry I w/Lab	CHE102 or HS Chem	4	Fall only
CHE125 General Chemistry II w/Lab	CHE115	4	Spring only
MAT145 Math Methods in Natural Sciences	MAT115 or 135	4	Spring only
or MAT245 Analytical Geometry & Calculus I	MAT135 or 145	4	

Lower Division Physics Requirements	Pre-Req	Units	Note
Complete one of the following two-semester sequences:			
PHY114 General Physics I w/Lab	MAT145 or 245	4	Fall only (entrance exam)
PHY124 General Physics II w/Lab	PHY114	4	Spring only
PHY214 Physics for Scientists I w/Lab	MAT145 or 245	4	Fall only (entrance exam)
PHY224 Physics for Scientists II w/Lab	PHY214	4	Spring only

Upper Division Requirements	Pre-Req	Units	Note
BIO313 Genetics	BIO146	4	Spring only
BIO330 Cell & Molecular Biology w/Lab	BIO146 & 148	4	Fall only
BIO380 Biology Seminar	-	1	Spring only
BIO499 Biology Capstone	Pre or Co: BIO380	2	Fall only
CHE351 Organic Chemistry I w/Lab	CHE125	4	Fall only
CHE352 Organic Chemistry II w/Lab	CHE351	4	Spring only

Concentration Requirements	Pre-Req	Units	Note
BIO114 General Botany w/Lab	-	4	Spring only
BIO302 Ecology w/Lab	BIO114, 143 or 146	4	Spring only (even years)
CHE370 Environmental Chemistry w/Lab	CHE125 & BIO146 or 148	4	Spring only (odd years)
SCI412 Marine Science w/Lab	BIO148	4	

Total Major Units: 63Upper Division Major Units: 31**About This Plan**

- This plan is not a contract. Curriculum can be subject to change.
- Highlighted courses and fields are major specific.
- Descriptions for all courses can be found in the CBU catalog at www.calbaptist.edu/about/universitycatalogs.aspx.
- To graduate, all students need 124 total units, 39 of which must be upper division.
- Courses numbered in the 300's and 400's are upper division.
- GST100, CHE102, ENG103, and MAT095 count as elective units.

General Education Requirements

Competency Requirements	Units	Note
English Competency	3	ENG113 required
Math Competency	3	MAT145 or 245 will fulfill. STA144 recommended.
Technology	3	CIS265
Foreign Language I	3	
Foreign Language II	3	

If you are exempt from a Competency Requirement, add those units to Additional Elective Units Needed.

Core Curriculum	Units	Note
Behavioral Science	6	
English Composition	3	ENG123 required
English or Film	3	
Communication Arts	3	
Art or Music	3	
Philosophy	3	
US History	3	
Non-US History	3	
Political Science	3	
Lab Science	4	BIO313 will fulfill. BIO101 recommended
Science or Kinesiology	4	BIO330 will fulfill
Christian Studies	9	

*Course is interdisciplinary

Upper Division Requirements	12	BIO313 & 330 will fulfill 8 units
Interdisciplinary Requirements	9	
Multicultural Requirements	9	ENG123 will fulfill 3 units

Total Required GE units: 51Upper Division Required GE Units: 4Additional Elective Units Needed: 10Upper Division Elective Units Needed: 4**Contact Information**

Department of Natural & Mathematical Sciences	
(951) 343 - 4380	James 244
• Dr. Lisa Hernandez, Dean	lhernandez@calbaptist.edu
• Debbie Spala, Department Secretary	dspala@calbaptist.edu
• Dr. Melissa Antonio, A-C Faculty Advisor	mantonia@calbaptist.edu
• Dr. Dennis Bideshi, D-H Faculty Advisor	dbideshi@calbaptist.edu
• Dr. Yoojin Choi, I-M Faculty Advisor	ychoi@calbaptist.edu
• Dr. Bonjun Koo, N-Q Faculty Advisor	bonjunkoo@calbaptist.edu
• Dr. Hyun-Woo Park, R-S Faculty Advisor	hpark@calbaptist.edu
• Dr. Bruce Prins, T-Z Faculty Advisor	bprins@calbaptist.edu
Office of Enrollment Advising	Yeager B150
(951) 343 - 4567	advising@calbaptist.edu

